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CLAIMS:

1.   An electrophoretic display unit (1) comprising:
- an electrophoretic display panel (DP) comprising pixels (11);
- drivers (30, 40); and
- a controller (20) for controlling the drivers (30, 40) for addressing the pixels (11) once
5   during a sequence of frame periods.

2.   An electrophoretic display unit (1) as claimed in claim 1, wherein the
controller (20) is adapted to provide:
- shaking pulses (Sh_1,Sh_2);
10   - one or more reset pulses (R); and
- one or more driving pulses (Dr).

3.   An electrophoretic display unit (1) as claimed in claim 2, wherein the
sequence of frame periods is formed by a time-interval (T_1,T_2,T_4,T_5,T_6) for providing the one
15   or more reset pulses (R).

4.   An electrophoretic display unit (1) as claimed in claim 2, wherein the
sequence of frame periods is formed by a time-interval (T_3,T_7,T_8) for providing the one or
more driving pulses (Dr).

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5.   An electrophoretic display unit (1) as claimed in claim 2, wherein the
sequence of frame periods is formed by a time-interval for providing the shaking pulses
(Sh_1,Sh_2).

25   6.   An electrophoretic display unit (1) as claimed in claim 1, further comprising a
memory coupled to the controller (20) for storing information about a time-interval
$(T_1,T_2,T_3,T_4,T_5,T_6,T_7,T_8)$ forming the sequence of frame periods.

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7.   An electrophoretic display unit (1) as claimed in claim 1, the pixels (11) being arranged in lines of pixels (11), the drivers (30, 40) comprising a line driver (40), the controller (20) being arranged for skipping the addressing of a line of the lines of pixels (11) during the sequence of frame periods if all pixels (11) of the line of pixels (11) have to

5   remain unchanged.

8.   A display device comprising an electrophoretic display unit (1) as claimed in claim 1; and comprising a storage medium for storing information to be displayed.

10   9.   A method for driving an electrophoretic display unit (1) comprising an electrophoretic display panel (DP) comprising pixels (11); and drivers (30, 40), the method comprising the step of:

- controlling the drivers (30, 40) for addressing the pixels (11) once during a sequence of frame periods.

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10.   A computer program product for driving an electrophoretic display unit (1) comprising an electrophoretic display panel (DP) comprising pixels (11); and drivers (30, 40), the product comprising the function of:

- controlling the drivers (30, 40) for addressing the pixels (11) once during a sequence of

20   frame periods.

11.   A controller (20) for controlling drivers (30, 40) for addressing pixels (11) of an electrophoretic display panel (DP) of an electrophoretic display unit (1), the controller (20) being adapted for addressing the pixels (11) once during a sequence of frame periods.